## (19) World Intellectual Property Organization

International Bureau





(43) International Publication Date 18 August 2005 (18.08.2005)

**PCT** 

## (10) International Publication Number WO 2005/074819 A2

(51) International Patent Classification<sup>7</sup>: A61J 15/00

A61B 17/34,

(74) Agents: HOFFMANN EITLE et al.; Arabellastrasse 4, 81925 München (DE).

(21) International Application Number:

PCT/EP2005/001074

(22) International Filing Date: 3 February 2005 (03.02.2005)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

2004-026348

3 February 2004 (03.02.2004) JP

- (71) Applicant (for all designated States except US): SHER-WOOD SERVICES AG [CH/CH]; Bahnhofstrasse 29, CH-8201 Schaffhausen (CH).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): ABE, Kazuhiro [JP/JP]; c/o Nippon Sherwood Medical Industries Ltd., 1217-1 Tomonaga, Fukuroi-shi, Shizuoka 437-0004 (JP). SUZUKI, Nobuaki [JP/JP]; c/o Nippon Sherwood Medical Industries Ltd., 1217-1 Tomonaga, Fukuroi-shi, Shizuoka 437-0004 (JP). FUNAMURA, Shigeaki [JP/JP]; c/o Nippon Sherwood Medical Instrustries Ltd., 1217-1 Tomonaga, Fukuroi-shi, Shizuoka 437-0004 (JP).

- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

## Published:

 without international search report and to be republished upon receipt of that report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

A2

(54) Title: INFECTION PREV

(54) Title: INFECTION-PREVENTING GASTROSTOMY CATHETER KIT FOR GASTROSTOMY

(57) Abstract: An infection-preventing gastrostomy catheter kit to be used in the gastrostomy, which can pass an intragastric retainer of a catheter easily and reliably through an infection-preventing sheath by an easy maneuver, and which can reduce the diameter of the infection-preventing sheath. The catheter kit comprises: a gastrostomy catheter (20) including a flexible, hollow PEG tube (21) reinforced with filaments (24), an deformable intragastric retainer (23) positioned at the trailing end of the PEG tube (21), and a tapered member (22) positioned at the leading end of the PEG tube (21) for retaining the leading end portion (40a) of a guide wire (40) inserted from a leading end hole (22a) thereof; and an infection-preventing sheath (1) including a flexible, hollow tubular body (2), and a socket member having a socket (4) positioned at the trailing end of the tubular body (2) for retaining the intragastric retainer (23), and pins (5), thereby removably sheathing the gastrostomy catheter (20). The gastrostomy catheter (20) may be provided with a housing sheath (60) for deforming and housing the intragastric retainer (23).